The invention claimed is:

1. A method of transmission, comprising:
receiving data for transmission by a mobile station;
storing the data in a data buffer;
generating an access request message;
transmitting the access request message;
monitoring one or more individual grant channels and one or more common grant channels;
decoding an access grant received from a base station, the access grant comprising one of an individual grant directed to the mobile station and received on one of the one or more individual grant channels, or
a common grant received on one of the one or more common grant channels; and
transmitting a portion of data from the data buffer in response to the decoded access grant.

2. The method of claim 1, further comprising
transmitting a limited portion of the data in the data buffer autonomously, irrespective of whether an access grant has been received.

3. The method of claim 1, wherein the access grant comprises a T/P value.

4. The method of claim 3, further comprising selecting transmission parameters based on the T/P value.

5. The method of claim 4, wherein the transmission parameters comprise an encoder packet size.

6. The method of claim 4, wherein the transmission parameters comprise an expected number of subpacket transmissions.

7. The method of claim 4, wherein the selecting comprises selecting the maximum number of subpacket transmissions.

8. The method of claim 4, wherein the selecting comprises selecting less than the maximum number of subpacket transmissions.

9. The method of claim 3, further comprising
reducing the T/P when insufficient transmit power is available to transmit according to the unreduced T/P.

10. The method of claim 1, further comprising: receiving an ACK-and-Continue command; and
transmitting an additional portion of data from the data buffer in response to the previously decoded access grant.

11. The method of claim 1, further comprising: receiving an acknowledgement (ACK) command; and
ceasing transmitting data from the data buffer in response to the previously decoded access grant.

12. The method of claim 11, further comprising transmitting a limited portion of the data in the data buffer autonomously, subsequent to receiving the ACK.

13. The method of claim 1, further comprising: receiving a negative acknowledgement (NAK) command; and
retransmitting the portion of data from the data buffer previously transmitted in response to the previously decoded access grant.

14. An apparatus, comprising:
means for receiving data for transmission by a mobile station;
means for storing the data in a data buffer;
means for generating an access request message;
means for transmitting the access request message;
means for monitoring one or more individual grant channels and one or more common grant channels;
means for decoding an access grant received from a base station, the access grant comprising one of
an individual grant directed to the mobile station and received on one of the one or more individual grant channels, or
a common grant received on one of the one or more common grant channels; and
means for transmitting a portion of data from the data buffer in response to the decoded access grant.

15. The apparatus of claim 14, further comprising
means for transmitting a limited portion of the data in the data buffer autonomously, irrespective of whether an access grant has been received.

16. The apparatus of claim 14, further comprising: means for receiving an ACK-and-Continue command; and
means for transmitting an additional portion of data from the data buffer in response to the previously decoded access grant.

17. The apparatus of claim 14, further comprising:
means for receiving an acknowledgement (ACK) command; and
means for ceasing transmitting data from the data buffer in response to the previously decoded access grant.

18. The apparatus of claim 17, further comprising:
means for transmitting a limited portion of the data in the data buffer autonomously, subsequent to receiving the ACK.

19. The apparatus of claim 14, further comprising:
means for receiving a negative acknowledgement (NAK) command; and
means for retransmitting the previously transmitted portion of data from the data buffer in response to the previously decoded access grant.

20. A non-transitory computer readable medium comprising instructions executable to:
receive data for transmission by a mobile station;
store the data in a data buffer;
generate an access request message;
transmit the access request message;
receive one or more individual grant channels and one or more common grant channels from a base station;
decode an access grant comprising an individual grant directed to the mobile station and sent on one of the one or more individual grant channels or a common grant sent on one of the one or more common grant channels; and
transmit a portion of data from the data buffer in response to the decoded access grant.

21. The non-transitory computer readable medium of claim 20, further comprising instructions executable to:
transmit a limited portion of the data in the data buffer autonomously, irrespective of whether an access grant has been received.

22. An apparatus comprising:
a data buffer for receiving data for transmission by a mobile station and for storing the data;
a message generator for generating an access request message;
a transmitter for transmitting the access request message;
a receiver for monitoring one or more individual grant channels and one or more common grant channels; and
a message decoder for decoding an access grant received from a base station, the access grant comprising one of
an individual grant directed to the mobile station and received on one of the one or more individual grant channels or
a common grant received on one of the one or more common grant channels, and
wherein the transmitter transmits a portion of data from the data buffer in response to the decoded access grant.